Remote Control *GSM/GPRS Modem*

Pocket GPRS Power

- **GSM/GPRS signalling and monitoring** System
- Device for applications of **Telemetry** and **Remote Reading**
- Perfect for application with electric meters
- **Security management** through CLIP
- Programming and management **via SMS, CSD and GPRS**
- Built-in TCP/IP Stack
- Remote **Setup and Upgrade** via CSD and IP
- **SMS Alive and IP Alive funcions** for activity test
- RS232 Serial Interface
- Extended power range from 9 to 30 Vdc
- IP54 plastic case for outdoor use
- Built-in antenna
- Extended temperature range from -20ºC up to +70ºC

Wireless M2M

DESCRIPTION

POCKET GPRS Power has been projected to satisfy the growing needs in the world of Industry for Remote Control and Remote Reading applications.
It's a monitoring and signalling system based on GPRS/GSM technology.
In particular an extremely advanced system for the device management has been developed for a complete remote management both via CSD (data call at 9.6Kbps) and via TCP/IP packet in case of GPRS connection (more and more requested for the advantages in these kind of applications.).

The modem integrates also the function to send SMS Alive (or the equivalent IP packet) to test the good operation of the device (this function is necessary in this kind of application and background).

Even for the device access security it has been implemented the management of a control list based on the CLI.
Only if the number is in the list, it is possible to guarantee the access to the device for data transfer or maintenance.

The device has been carefully projected and built in order to guarantee its operation in hard environments.
For example the SIM has been placed directly inside the device to be protected against bad weather, dust and humidity.
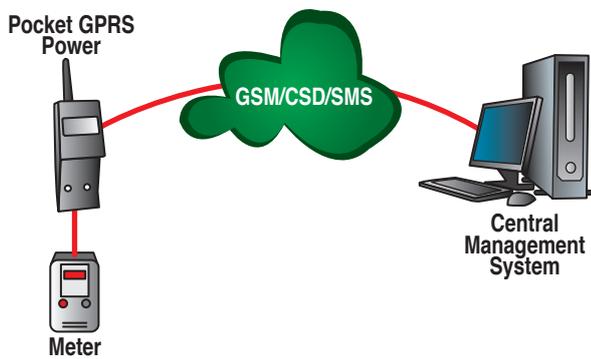
digicom

In fact in industrial devices often the SIM cannot guarantee its operation for a long period of time (as the use in the mobile phone consumer market reduced the quality even for this basic component).

A complex work has been carried out on the product to reduce the number of components and consequently increase the level of reliability. We can boast a MTBF rate able to guarantee a fault rate lower than 0,35% per year.

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GSM/CSD/SMS

Central Management System

Meter